

Title (en)

Sheet for protecting paint film, process for producing the same, and method of applying the same

Title (de)

Schutzfolie für Anstrichfilm sowie Verfahren zur Herstellung und Aufbringung derselben

Title (fr)

Feuille de protection pour film de peinture et procédé de sa fabrication et application

Publication

**EP 1130069 A2 20010905 (EN)**

Application

**EP 01104320 A 20010222**

Priority

JP 2000052802 A 20000229

Abstract (en)

A sheet for protecting a paint film, the sheet comprising a substrate and formed on one side thereof a rubber-based pressure-sensitive adhesive layer which has, on a side opposite the substrate side, a modified surface layer having a thickness of 100 nm or smaller and having a higher functional group concentration than the inner parts of the adhesive layer; and a process for producing the sheet which comprises subjecting a rubber-based pressure-sensitive adhesive layer formed on a substrate to a treatment for generating functional groups on the surface of the adhesive layer. The sheet, even when applied to a poorly bondable paint film apt to cause adhesion failures due to bleeding, etc., can be satisfactorily adhered thereto efficiently without necessitating paint film cleaning, can retain the satisfactorily adherent state over long without separating from the paint film, can be easily peeled from the paint film after accomplishment of the protection, and is less apt to leave migrants which may foul the paint film. The sheet is effective in avoiding the bleeding of additives including an attractant. The sheet can be efficiently applied for covering because air bubbles are less apt to be trapped between the sheet and the paint film due to fine roughness formed on the surface of the pressure-sensitive adhesive layer.

IPC 1-7

**C09J 7/02**

IPC 8 full level

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CPC (source: EP US)

**C09J 7/383** (2017.12 - EP US); **C09J 7/387** (2017.12 - EP US); **C09J 2203/306** (2013.01 - EP US); **Y10T 428/28** (2015.01 - EP US); **Y10T 428/2857** (2015.01 - EP US)

Cited by

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Designated contracting state (EPC)

BE DE

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